

Model/s:				SRS 20			
Condensing Boiler/s:				Yes			
Low Temperature (**) Boiler/s:				No			
B11 Boiler/s:				No			
Cogeneration Space Heater:				No	Equipped with a supplementary heating system:		No
Combination Heater:				Yes			
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Nominal heat output	P_{rated}	20	kW	Seasonal space heating energy efficiency	η_s	93,408	%
				Energy efficiency class		A	
<i>For boiler space heaters and boiler combination heaters: Useful heat output</i>				<i>For boiler space heaters and boiler combination heaters: Useful efficiency</i>			
At nominal heat output and high-temperature regime (*)	P_4	19,420	kW	At nominal heat output and high-temperature regime (*)	η_4	87,435	%
At 30% of nominal heat output and low-temperature regime (**)	P_1	1,961	kW	At 30% of nominal heat output and low-temperature regime (**)	η_1	98,086	%
<i>Auxiliary electricity consumption</i>				<i>Other items</i>			
At full load	el_{max}	0,073	kW	Standby heat losses	P_{stby}	0,063	kW
At part load	el_{min}	0,033	kW	Ignition burner energy consumption	P_{ign}	2,133	kW
In standby mode	P_{SB}	0,003	kW	Sound power level, indoors	L_{WA}	39	dB
For boiler combination heaters:							
Declared load profile:	XL			Domestic hot water production efficiency	η_{WH}	85,004	%
				Energy efficiency class		A	
Daily electrical power consumption	Q_{elec}	0,185	kWh	Daily gas consumption	Q_{fuel}	22,838	kWh
Annual electricity consumption	AEC	40,748	kWh	Annual fuel consumption	AFC	18,088	GJ
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(*) High temperature regime means 60 °C on return and 80 °C on flow.							
(**) Low temperature regime means 30 °C for condensing boilers, 37 °C for low-temperature boilers and 50 °C for for other appliances on return temperature.							